# Vaccine Doses Administered Exercise 2010

#### Michele Renshaw

Information Technology Specialist

Division of Informatics Solutions and Operations
Public Health Informatics and Technology Program Office
Office of Surveillance, Epidemiology, and Laboratory Services
Centers for Disease Control and Prevention

August 11, 2010



### Agenda



- Background
- Exercise Summary
- Next Steps
- Questions and Answers

### Pandemic Influenza Background

- The National Strategy for Pandemic Influenza: Implementation Plan calls for monitoring of the appropriate use of a scarce pandemic influenza vaccine
- CRA was updated and exercised in 2007/8 and 2008/9 to support doses administered for pandemic influenza
- To accomplish this, Project Areas\* tracked vaccine doses administered, collected and aggregated minimum data elements and transmitted weekly to CDC
- CRA was used to track and monitor H1N1 Doses
   Administered for the initial weeks of the H1N1 Vaccine Program

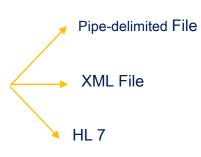
\* **Project Areas**: The 62 Public Health Emergency Preparedness (PHEP) grantees, which include 50 states, 8 territories, and 4 metropolitan areas

#### **Aggregate Reporting Options via CRA**

CDC's CRA system provides multiple ways for states and partners to report vaccine doses administered



State enters data into state's Immunization Information System or other equivalent application and is extracted in one of these formats:



File is securely transferred to CDC via either CRA application or PHIN MS and loaded into CRA for reporting

Option 1
Data Exchange



Aggregate data entered directly into CRA via the web-based aggregate reporting interface



Data is available in CRA for reporting



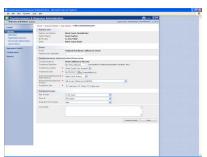
0

CRA

Option 2
Direct Web Entry



Individual level data is entered directly into CRA via the web based flexible Treatment interface



Individual level data are automatically aggregated by CRA and are available for reporting



Option 3
Individual Level
Data Entry

#### **Past Doses Administered Activities**



- The 2007 pilot demonstrated
  - Project Area's ability to collect and report to CDC
  - CRA's technical capability to accept and aggregate data
- DAX 2008 expanded and tested capabilities for
  - Weekly reporting
  - Increased volume
  - Priority group tracking
- 2009 H1N1 doses administered demonstrated
  - Project Area capability to collect and report aggregate data to CDC during a real event
  - CRA's capability for national reporting of aggregate doses administered data early during a pandemic to provide an understanding of vaccine coverage prior to traditional surveillance systems

#### Why DAX 2010?



- To continue to engage and involve Project Areas on reporting and tracking vaccine doses administered
- To assist Project Areas in preparing for another pandemic influenza event, if one were to occur
- To be proactive in maintaining a state of emergency preparedness and readiness
- To provide the opportunity for Project Areas to test new or improved system capabilities and train personnel

#### Why DAX 2010?



- To apply the strength of the 2009 H1N1 vaccine doses administered campaign and improve on the identified limitations
- To assist Project Areas with the transmission of data in the ACIP assigned General Population priority groups as in DAX 2008
- To disseminate findings and best practices of vaccine doses administered via reports, presentations, and publications

#### **DAX 2010 Details**



#### Number of Clinics and Frequency

- A minimum of 2 clinics per week for 2 consecutive weeks making a total of 4 clinics
- There is no maximum number of clinics

#### ■ Timeframe

- Beginning Monday, October 25 and reporting final counts on Tuesday, November 09, 2010
- First reporting date is <u>Tuesday</u>, <u>November 02</u>, <u>2010</u>

#### Reporting

 Each Project Area is responsible for submitting aggregate doses administered counts for the reporting period based on the MMWR week (Sunday through Saturday). The deadline for this reporting period is Tuesday at 11:59 pm local time for the reporting jurisdiction

This is a **voluntary exercise** with a shorter timeframe and a smaller number of reporting providers





## ACIP assigned General Population priority groups categorizes vaccinees into five tiers

Tier	Vaccinee Population
1	Pregnant women, infants and toddlers 6-36 months old
2	Household contacts of infants <6 months old
3	Children 3 – 18 years both with and without high-risk conditions
4	Persons 19-64 years with high-risk conditions and persons >65 years old
5	Healthy adults 19-64 years old

#### **Data Exchange Specification for Option 1 Users**

- Available on CRA webpage
- Similar to DAX 2008 specifications
  - Pandemic Influenza Priority Groups
  - Event-specific Valid Value/Data Validation
  - Explanation of "full replacement of aggregate reports"
  - Sample messages
- Vaccine type codes
  - Recommend use of generic vaccine type code 128

## **Reporting Option 2**



ome > <u>Select Aggregate</u>	Count Information > Report Aggregate Counts	Need Help?
Aggregate Count Inf	ormation	▶ Denotes Required Field
Centers for Disease	Control and Prevention   Atlanta Clinic   2010 Vaccine Doses Administered	Lite   Vaccine
Aggregate Counts		
Vaccine Type Product	Novel Influenza-H1N1-09,all formulations Novel Influenza-H1N1-09,all formulations	
General Population P	riority Group	
General Population, General Population, General Population, General Population, General Population, Total:	Tier 2 Tier 3 Tier 4	
	Previous Save and A	add Another Cancel

## **Reporting Option 3**



ome > Select Event > Add Pa	tient Countermeasures	Need Help?
Event Information		▶ Denotes Required Field
Centers for Disease Cont	rol and Prevention   2010 Vaccine Doses Administered Lite	
Patient Information		View Recently Added Patient
Patient Event Identifier First Name Last Name Birth Date or Year	DAX2010-CDC-646995202 Find Patient            (mm/dd/yyyy)	
Countermeasure Inform	ation	
Vaccine Administration Location Administered Date Vaccine Product General Population Priority Group	Atlanta Clinic  08 / 09 / 2010  (mm/dd/yyyy)  Select Vaccine Product  Select General Population Priority Group Details	<b>₩</b>
		Save and Add Another Patient Cancel

### **Schedule of Events**



Date	Event	Topic
August 11	Webinar	Kick off DAX 2010
September 15	Webinar	Option 1 Users
September 22	Webinar	Option 2 and 3 Users
October 13	Webinar	Exercise Overview and Refresher
October 25	DAX 2010	DAX 2010 Begins

### **Funding Announcement**



- Immunization Grants and Vaccines for Children Program Supplemental for Pandemic Flu Aggregate Reporting of Pandemic Influenza Vaccine Utilization Monitoring
  - Announcement CDC-RFA-IP08-80303SUPP10
  - Eligible grantees
  - Awards will range between \$50,000 -\$150,000
- □ Applications Due August 30, 2010
- Application website <a href="http://www.grants.gov/">http://www.grants.gov/</a>

### **Immediate Next Steps**



- Submit updated POC information and any updates to reporting option choice
  - Friday, August 20, 2010
  - Submit information via <a href="mailto:CRAhelp@cdc.gov">CRAhelp@cdc.gov</a>
- Update or renew SDN digital certificates
  - ASAP!!
- Funding deadline
  - Monday, August 30, 2010

#### **Technical Assistance**



- CRA website
  - http://www.cdc.gov/phin/cra
  - Reference guides, checklists, FAQs
- CRA email
  - crahelp@cdc.gov
- PHIN
  - Email PHINTech@cdc.gov
  - Phone (800) 532-9929
  - To obtain an SDN digital certificate
  - To obtain access to the CRA demonstration site

#### **CRA Team Contact Information**

- Q
- Barbara Nichols, OSELS/PHITPO/DISO CTS Project Lead, bnichols@cdc.gov
- Michele Renshaw, OSELS/PHITPO/DISO CRA Task Lead, mdrenshaw@cdc.gov
- Guy Faler, Northrop Grumman Contractor, CRA
   Development Project Manager, gfaler@cdc.gov
- Howard Hill, McKing Consulting Contractor, NCIRD/ISD Program Lead, <a href="mailto:hhill1@cdc.gov">hhill1@cdc.gov</a>
- Sarah Waite, SRA International Contractor, CRA Partner Outreach Liaison, <a href="mailto:swaite@cdc.gov">swaite@cdc.gov</a>

### Acknowledgements



- Vaccine Tracking Coordinators/CRA Points of Contact from the Project Areas
- CDC colleagues from OSELS/PHITPO/DISO and ISD/NCIRD
- Contractors from Northrop Grumman,
   McKing Consulting, and SRA
   International, Inc.



#### **Questions?**

# crahelp@cdc.gov www.cdc.gov/phin/cra

For more information please contact Centers for Disease Control and Prevention

1600 Clifton Road NE, Atlanta, GA 30333

Telephone, 1-800-CDC-INFO (232-4636)/TTY: 1-888-232-6348

E-mail: cdcinfo@cdc.gov Web: www.cdc.gov

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

